

Converting Colors

CIELCh(98, 32.126, 106.816)

Have a look what the booklet for
CIELCh(98, 32.126, 106.816)
contains.

CIELCh(98, 32.259, 107.029)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIElCh(98, 32.259, 107.029)

Conversions

Conversions Part 1

Format	Color
Hex	FEFDBD
RGB	254, 253, 189
RGB Percent	100%, 99%, 74%
CMY	0.0043, 0.0082, 0.2592
CMYK	0.00, 0.00, 0.26, 0.00
HSL	59°, 97%, 87%
HSV	59°, 26%, 100%
XYZ	85.1110, 94.9163, 61.9289
YIQ	246.0030, 21.1400, -19.6920

Conversions

Conversions Part 2

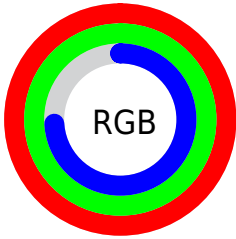
Format	Color
RYB	190, 254, 189
Decimal	16711101
CIELab	98.00, -9.45, 30.84
CIELCh	98, 32.259, 107.029
Yxy	94.9163, 0.3518, 0.3923
Android (android.graphics.Color)	4294901181 (0xFFFEFDBD)
YUV	246.0030, -28.1025, 7.0134
Hunter-Lab	97.4250, -14.5550, 30.5094

Details

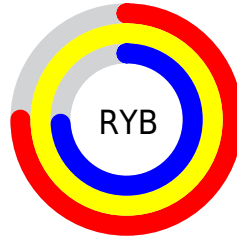
The CIELCh color **98, 32.259, 107.029** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **79, 34.240, 292.667**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 4.553, 109.821**, and **78, 32.145, 106.462** is the 20% darker color. If you saturate the color by 10%, you get **97, 44.546, 106.051**, and if you desaturate by 10%, it is **99, 19.736, 108.026**.

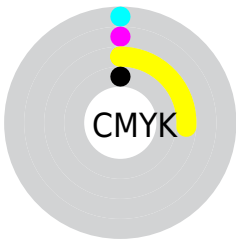
Distribution



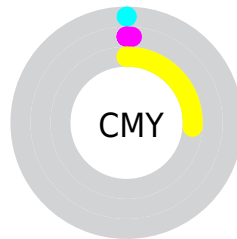
- Red (100%)
- Green (99%)
- Blue (74%)



- Red (75%)
- Yellow (100%)
- Blue (74%)



- Cyan (0%)
- Magenta (0%)
- Yellow (26%)
- Black (0%)





- Cyan (0%)
- Magenta (1%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 32.259, 107.029 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 98, 32.259, 107.029 by changing the saturation by 10% instead.


 98, 32.259,
107.029


 98, 32.259,
107.029


 100, 32.259,
107.029


 88, 32.259,
107.029

 78, 32.259,
107.029

 68, 32.259,
107.029

 58, 32.259,
107.029

 48, 32.259,
107.029

 38, 32.259,
107.029

 28, 32.259,

107.029

■ 18, 32.259,
107.029

■ 8, 32.259, 107.029

■ 98, 32.259,
107.029

■ 98, 32.259,
107.029

■ 97, 44.546,
106.051

■ 99, 19.736,
108.026

■ 97, 56.402,
105.102

■ 99, 7.090, 109.009

■ 97, 67.538,
104.213

100, 0.482,
283.291

■ 96, 77.518,
103.419

100, 0.340,
255.603

100, 0.338,

■ 96, 85.760,
102.759

214.122

■ 96, 91.633,
102.268

100, 0.380,
201.128

■ 96, 94.751,
101.962

■ 96, 95.483,
101.870

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



98, 32.259, 107.029



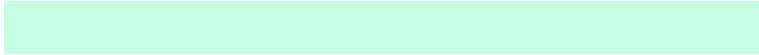
79, 34.240, 292.667

Rectangle

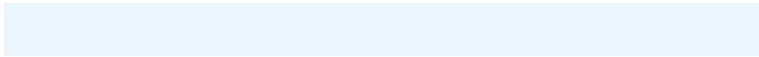
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



98, 32.259, 107.029



98, 32.259, 157.029



98, 32.259, 287.029



98, 32.259, 337.029

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



98, 32.261, 107.033



99, 10.170, 108.775



82, 25.063, 20.146



53, 7.227, 108.628



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

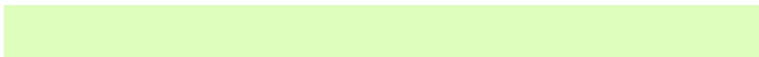
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 32.261, 107.033



98, 39.074, 106.499



96, 34.951, 127.279



53, 7.227, 108.628



74, 77.172, 101.886



26, 35.104, 102.159

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



79, 34.240, 292.667



75, 42.093, 293.506



81, 36.273, 309.749



49, 7.386, 290.574



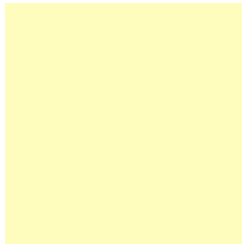
23, 107.090, 306.111



4, 43.643, 301.510

Previews

White Background



This preview shows how the CIE LCh color 98, 32.259, 107.029 looks on a white background.

Color Contrast Check

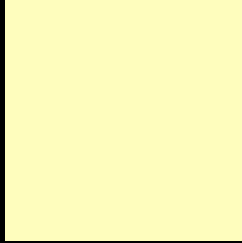
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 98, 32.259, 107.029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

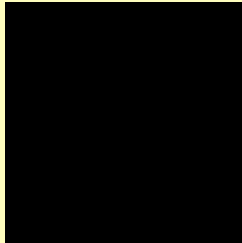
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 32.259, 107.029

Background



This preview shows how black text looks on a background with the CIELCh color 98, 32.259, 107.029.

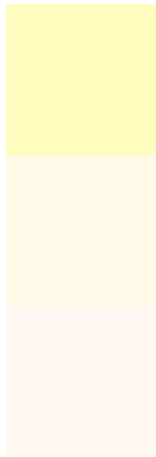


This preview shows how white text looks on a background with the CIELCh color 98, 32.259, 107.029.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
98, 32.259, 107.029

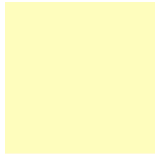
Protanopia
98, 8.893, 95.390

Deuteranopia
98, 3.537, 65.249



Tritanopia
98, 4.981, 324.553

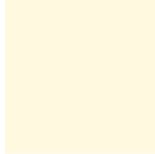
Trichromacy



Original Color
98, 32.259, 107.029



Protanomaly
98, 17.344, 102.729

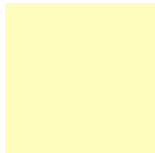


Deuteranomaly
98, 13.821, 101.509

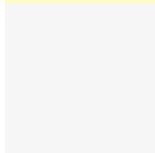


Tritanomaly
98, 9.388, 96.089

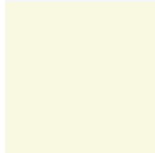
Monochromacy



Original Color
98, 32.259, 107.029



Achromatopsia
97, 0.011, 296.813



Achromatomaly
97, 12.201, 109.238

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 32.259, 107.029 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(254, 253, 189)` looks like.

```
.text, #text, p{  
    color:rgb(254, 253, 189)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(254, 253, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 253, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 32.259, 107.029 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(254, 253, 189) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(254, 253, 189) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(254, 253, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 253, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 253, 189);  
box-shadow:4px 4px 4px 4px rgb(254, 253,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 32.259, 107.029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 253, 189) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(254,  
253, 189) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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